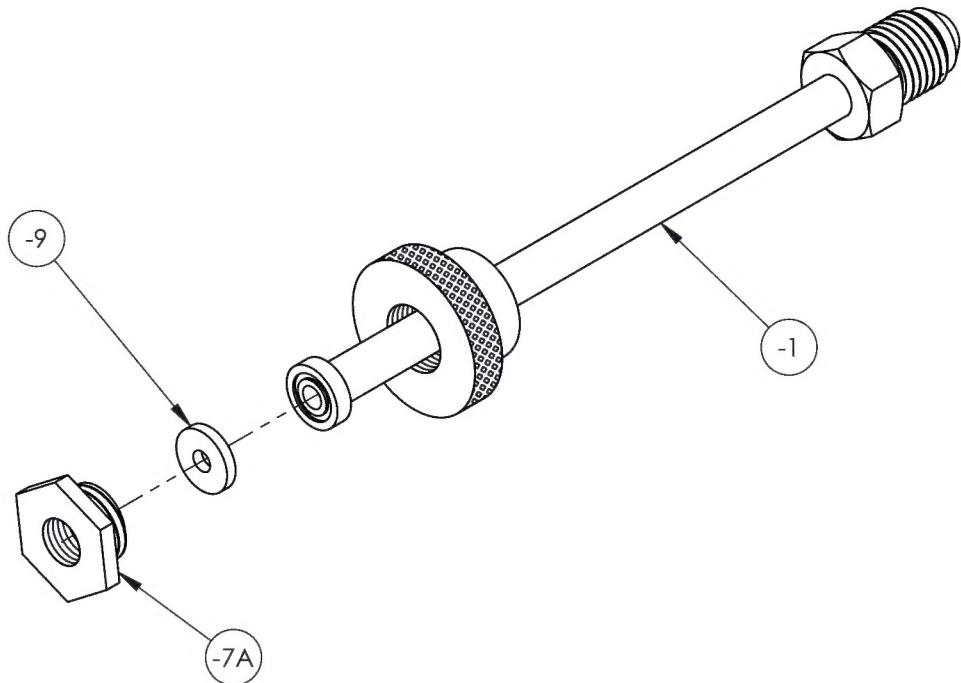


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		MERGED -7, -8 & -9 INTO -7 AS BUYOUT. DELETED PAGE 4. -5 CH'D TUBE DIMENSIONS, WAS $\varnothing .180/\varnothing .250$, IS $\varnothing .210/\varnothing .280$.	9/14/2010	WP	DW
2		-5 CH'D MATERIAL FROM BRASS TO 303/304, ADDED EXTRA GASKET RELIEF. MERGED -7, -9, AND -11 INTO -7 ASSEMBLY.	9/20/2010	WP	DW
A2		CORRECTED P/N WAS RBW109-351-08-115 IS RBW109-3501-08-115. -5 CH'D ID FROM $\varnothing .115$ TO $\varnothing .156$.	6/26/2012	JAG	SE
2A		UPDATED SHEET FORMATS AND DRAFTING STANDARDS. SEPARATED -3 & -5 TO INDIVIDUAL SHTS. ADDED -7A TO BOM.	10/16/2013	CFS	RW
3	16-0208	-3 CH'D DIM WAS $\varnothing .24$ $\varnothing .25$ IS $\varnothing .242 \pm .001$ $\varnothing .25$. -5 CH'D DIM'S WAS $\varnothing .156$ IS $\varnothing .135 \pm .030$, WAS $\varnothing .240$ (S.F. -3) IS $\varnothing .240 \pm .000/-002$ (S.F. -3), WAS $\varnothing .375$ IS $\varnothing .38$. DELETED NOTE 1 SHEET 1.	11/2/2016	RJC	JAG

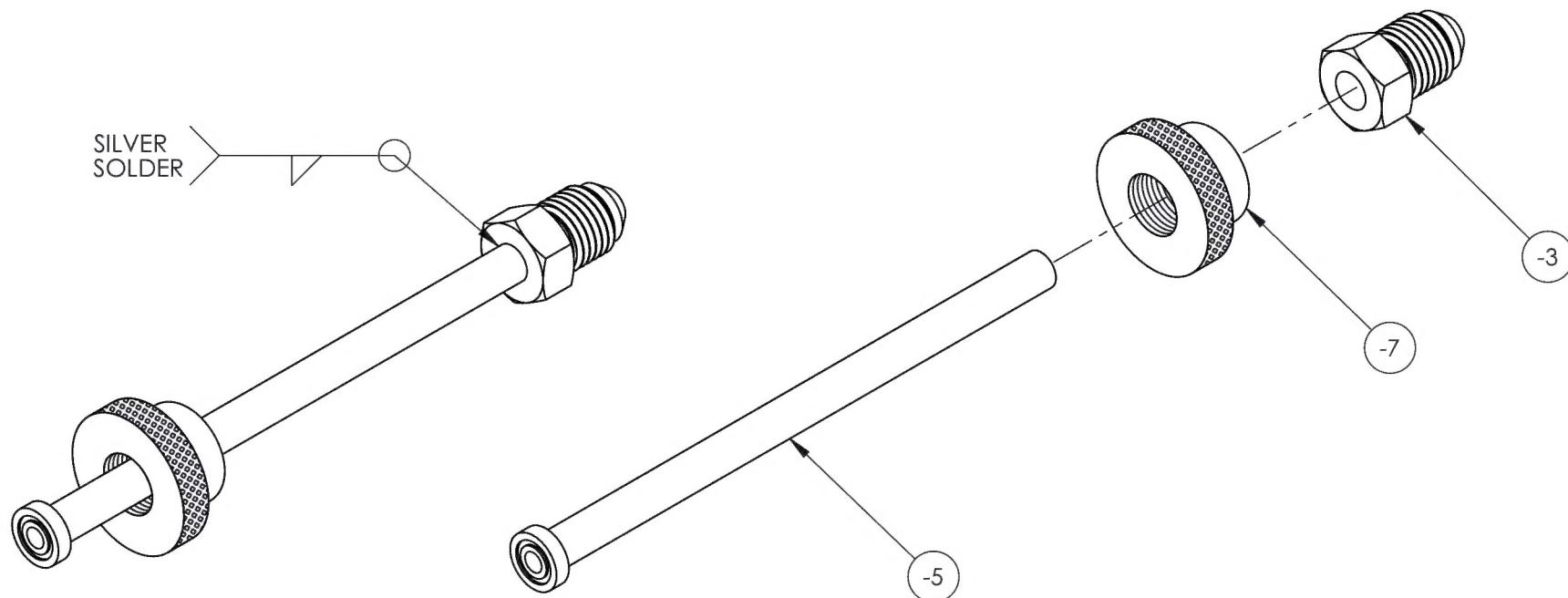


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	SOLDER ASSY.			2
1		-3			FLARED FITTING, 37°	316 S.S.	7/16-20 FOR 1/4 OD TUBE (MCMASTER-CARR #50715K522) MODIFIED	3
1		-5			TUBE	304 S.S.		4
1		-7			FITTING, THUMB NUT		(AIRCRAFT SPRUCE #06-11700 SCHRADER #6116) MODIFIED	2
		-7A	1		FITTING, HEX NUT		PART OF -7	1
		B/O	-9	1	GASKET	HARD FIBER	(AIRCRAFT SPRUCE #SK2043-5)	1
ASSY -1								SCALE 1:1 DATE 4/23/2010 SHEET 1 OF 4

DART AEROSPACE	
TITLE ADAPTER, L/G SHOCKSTRUTS NITROGEN CHARGE	
DWG NO.	RBW109-3501-08-115
REV	3
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX $\pm .005$ FRACTIONS $\pm 1/8$
TREAT	.XX $\pm .01$ ANGLES $\pm 5°$
FINISH	X $\pm .1$ SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY:	PERRITT
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL AGUSTA AW139	

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REV	ECR	REVISIONS	DESCRIPTION	DATE	INITIAL	APPROVED
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SOLDER ASSY.

	
TITLE	ADAPTER, L/G SHOCKSTRUTS
DWG NO.	NITROGEN CHARGE
DRAWN BY:	PERRITT
CHECKED:	DUERFELDT
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:1
DATE	4/23/2010
REV	3

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

HEAT	.XXX ± .005	FRACTIONS ± 1/8
TREAT	.XX ± .01	ANGLES ± 5°
FINISH	X ± .1	SURFACES = 125

SPEC

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R

2. DIMENSIONAL LIMITS APPLY
AFTER PLATING

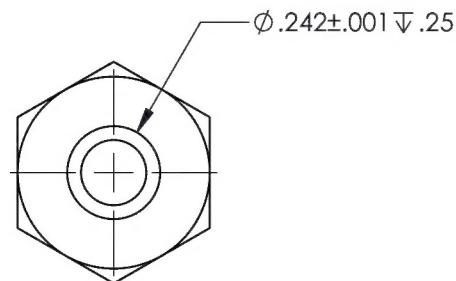
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009

USED ON MODEL

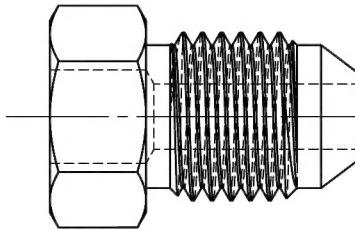
AGUSTA AW139

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	16-0208	-3 CH'D DIM WAS $\phi .24$ $\pm .001$ IS $\phi .242 \pm .001$.	11/2/2016	RJC	JAG



HIDDEN LINES OMITTED
FOR CLARITY



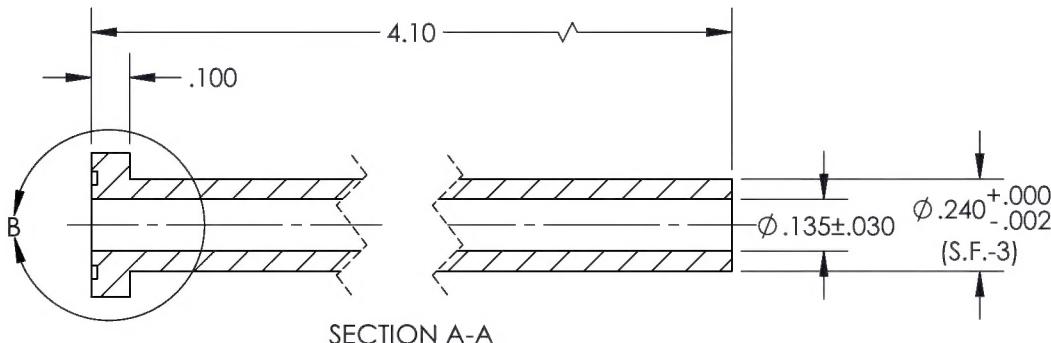
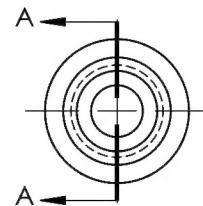
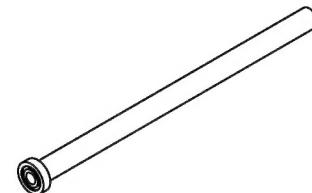
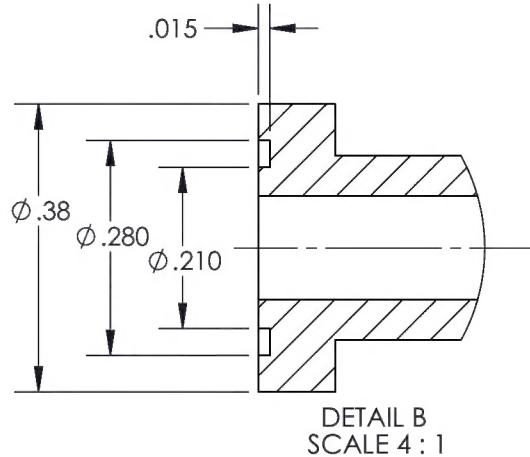
(-3)

FLARED FITTING, 37°

DART AEROSPACE	
TITLE ADAPTER, L/G SHOCKSTRUTS NITROGEN CHARGE	
DWG NO. RBW109-3501-08-115-3 REV 3	
MATERIAL 316 S.S. UNLESS OTHERWISE SPECIFIED HEAT DIMENSIONS ARE IN INCHES TREAT .XXX ± .005 FRACTIONS ± 1/8 TREAT .XX ± .01 ANGLES ± 5° FINISH X ± .1 SURFACES = 125 ✓ SPEC	
DRAWN BY: PERRITT CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT USED ON MODEL AGUSTA AW139	
SCALE 2:1	DATE 4/23/2010
SHEET 3 OF 4	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-5 CH'D TUBE DIMENSIONS, WAS ϕ .180/ ϕ .250, IS ϕ .210/ ϕ .280.	9/14/2010	WP	DW
2		-5 CH'D MATERIAL FROM BRASS TO 303/304, ADDED EXTRA GASKET RELIEF.	9/20/2010	WP	DW
A2		-5 CH'D ID FROM ϕ .115 TO ϕ .156.	6/26/2012	JAG	SE
3	16-0208	-5 CH'D DIM'S WAS ϕ .156 IS ϕ .135±.030, WAS ϕ .240 (S.F. -3) IS ϕ .240 +.000/-002 (S.F. -3), WAS ϕ .375 IS ϕ .38.	11/2/2016	RJC	JAG



(5)

TUBE

DART AEROSPACE	
TITLE ADAPTER, L/G SHOCKSTRUTS NITROGEN CHARGE	
DWG NO. RBW109-3501-08-115-5 REV 3	
MATERIAL 304 S.S. UNLESS OTHERWISE SPECIFIED HEAT DIMENSIONS ARE IN INCHES TREAT FRACTIONS ± 1/8 FINISH ANGLES ± 5° SPEC SURFACES = 125 DRAWN BY: PERRITT CHECKED: DUERFELDT OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT USED ON MODEL AGUSTA AW139	
SCALE 2:1	DATE 4/23/2010
SHEET 4 OF 4	